LIFIS, B.V.; VASSERSHTEYN, Sh.Ye.

Determination of invert sugar in dry wines by the colorimetric method using anthrone. Izv. AN Mold. SSh no.10:38-44 162.

(MIRA 17:12)

RANGELOVA, S.; KRASTEV, T.; VASSILENKO, S.; TODOROV, J:

Achievements in control of poliomyelitis in Bulgaria. Dokl. bolg. akad. nauk 15 no.6:673-676 162.

1. Note presentee par I. Emanuilov, membre de l'Academie. (POLIOMYELITIS)

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BULGARIA

ATZEV, S., VASSILENKO, S., Cytopathological Laboratory, Institute of Epidemiologic and Microbiologic Research

The Development of Crystalline Inclusions in Nerve Colls During Experimental Infection of Mice with Certain Enteroviruses

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 249-251

Abstract: [French article] The authors described earlier paralytic forms in mice which were caused by infection with the virus Coxsackie All and ECHO 6. A comparison was made with experimental infection with poliovirus types I and II. The present article describes (using several photographs) two types of crystalline inclusions found in nerve cells. This observation was made possible by cytologic and cytochemical methods used by the authors and these are described in considerable detail. There are 3 Bulgarian, 1 Soviet, and 2 Western references. (Manuscript received, 14 Dec 65.)

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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020008-8"

L 00162-66

ACCESSION NR: AP5025551

BU/0011/65/018/002/0125/0128

AUTHOR: Vassilev, C.

TITLE: Oxidation kinetics of Sphalerite in sodium hypochlorite solution

SOURCE: Bulgarska akademiya na naukite, Doklady, v. 18, no. 2, 1965, 125-128

TOPIC TAGS: mineral, oxidation, sodium compound, chlorine compound, solution property, thermochemistry

ABSTRACT:

The kinetics of oxidation of molybdenite, chalcopyrite, pyrite, and galenite in sodium hypochlorite solutions were discussed in several previous papers (see, e.g., Kh. Yordanov, Tekhnika, 1962; Kh. Yosilev, Godishnik KhTI, IX, 1962, No 2). The present paper studies the physicochemical foundations of sphalerite oxidation in sodium hypochlorite solutions. Experimental results show that sphalerite oxidizes in NaOCL solutions forming Zn(OH)₂ and SO₄. The temperature coefficient of the process is between 1.05 and 1.19. The calculated apparent activating energy of the process in the 20-80° C temperature interval is 4,600 cal/mol. The paper concludes by proposing a possible mechanism of sphalerite oxidation in sodium hypochlorite solution. Orig. art. has: 4 graphs, 3 formulas.

Card 1/2

L 00162-66 ACCESSION NR: AP 5025551	and and Treatment of December 1	a wall	0
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Card 2/2			

VASSILEV, G.

Franke's modified method for quantitative determination of total fats in serum. Dokl. Bolg. akad. nauk 16 no.4:373-375 163.

1. Submitted by Corresponding Member A. Spassov.
(BLOOD LIPIDS) (BLOOD CHEMICAL ANALYSIS)

VASSILEV, G. [Vasilev, G.]

On certain alylthicarbanide derivatives. Doklady BAN 17 no.9: 829-832 164.

1. Submitted April 27, 1964.

VAPCAROV, I.; SOLOV, K.; PIRONKOVA, M.; MINEVA, C.; VASSILEV, I.

On the association of cytomegalic inclusion disease, pneumocystis Carinii pneumonia and endomyocardial fibroelastosis in an infant (based on the obervation of a case). Folia med. (Plovdiv) 7 no.1:63-66 165

1. Institut de Hautes Etudes Medicales "I.P.Pavlov" de Plovdiv, Bulgarie, Chaire de Maladies Infantiles (Directeur: prof. I. Andreev); Chaire d'Anatomie Pathologique (Directeur par interim.: prof. Ju. Tochev); Centre regional de Puericulture (Directrice Cv. Mineva).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020008-8"

VASSILEV, IV.

Mobilisation of transplants from the left colonic half in reconstructive esophageal surgery. Nauch. tr. Vissh med. inst. Sofiia 43 no.1x63-68 164.

1. Chair of Surgical Urological Clinic (Director: Prof. G. Popov).

ACC NR. AP5028778

SOURCE CODE: BU/0011/65/018/002/01.61/0164

AUTHOR: Vassilev, I.; Kolebinova, M.

ORG: Zoological Institute, Bulgarian Academy of Sciences (Institut de Zoologie pres

TITLE: New species of Analgesoidea - Rivoltasia Gaudi N. Sp.

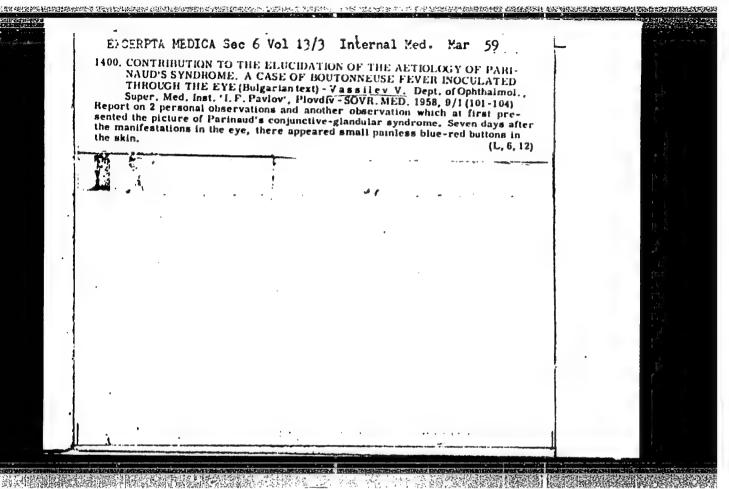
SOURCE: Bulgarska akademiya na naukite, v. 18, no. 2, 1965, 161-164

TOPIC TAGS: animal parasite, parasitology, zoology

ARSTRACT: A new species of Analgesoidea - the Rivoltasia Gaudi, found on the skin and feathers, is described in detail. The size of the male is, for instance, 238 in length, male and female specimens are preserved at the Zoological Institute of the Bulgarian Academy of Sciences. The work was presented by A. Valtchanov, 5 Oct 64. Orig. art.

SUB CODE: IS / SUBM DATE: 050ct64 / OTH REF: 001 / SOV REF: 001

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VASSILIEV V.

BULGARIA/Electronics - Electron and Ion Emissian.

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Abs Jur

: Ref Zhur Fizika, No 1, 1960, 1496

Author

: Nadjakov, G., Vassiliev, V., Balabanov, S.

Inst

Title

: On the Work Function of Gold and Anuminum During

Vacuum-Air Transition

Orig Pub

: Dokl. Bolg. AH 1958, 11, No 6, 461-464

Abstract

: A method of contact difference of potential was used to measure the work function of freshly evaporated gold and aluminum in vacuum and in air with respect to old gold, passivated in air, taken to serve as a standard. The work function of the gold standard flau was assumed to be 4.8 ev (its average value, obtained in several other experimental investigations). By measurement in vacuum, values $\varphi_{Au} = 4.48$ and $\varphi_{Al} = 4.48$

Card 1/2

- 74 -

BULGARLA/Electronics - Electron and Ion Emission.

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: Ref Zhur Fizika, No 1, 1960, 1456

is plotted. Investigations have shown that owing to the interaction with the air, one can assume that there exists in metals two types of surface variations: irreversible, due probably to chemical changes in the surface, and reversible -- absorption of cases and vapors, contained in the surrounding atmosphere.

Bibli graphy, 10 titles.

Card 2/2

VAPTZAROV, I.; VASSILEV, V.; JOHTOV, M.

On the problem of atypical hypo (a) gamma globulinemias. Apropos of a case. Folia med. (Plovdiv) 7 no.2:83-91 '65.

l. Institut de Hautes Etudes Medicales "I.P. Pavlov" de Plevdiv, Bulgaria. Chaire des Maladies Infantiles (Directeur: prof. I. Vaptzarov) et Institut de Recherches Scientifiques de Medecine Experimentale de Sofia, Bulgaria (Directeur: I.S. Ranguelova).

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VASSILEV. V.

Thermal current in the vitreous body under pathological conditions. Folia med. (Plovdiv) 6 no.1837-39 864.

1. Institut de Hautes Etudes Medicales "I.P.Pavlov" de Plovdiv, Bulgarie; Chaire d'Ophtalmologie (Directeurs E. Cohen, prof. agrege).

VASSILEV, V.

The upper limbur as a site of entry of trachomatous infection. Folia med. (Plovdiv) 6 no.4:258-260 164

1. Institut de Hautes Etudes Medicales "I.P.Pavlov" de Plovdiv, Bulgarie; Chaire des Maladies Oculaires. (Directeur: E. Cohen, prof. agrege).

L 4374-66

ACC NR: AP5028433

SOURCE CODE: BU/0011/65/018/001/0085/0088

AUTHOR: Tonov, E.; Shindarov, L.; Konstantinova, B.; Vassileva, V.

ORG: Department of Microbiology and Virology, Department of Pathological Anatomy, Post-Graduato Medical Institute, Sofia

TITLE: Sensitivity of newly born albino mice to the sheep abortion virus upon intraporiotoneal infection

SOURCE: Bulgarska akademiya na naukito. Doklady, v. 18, no. 1, 1965, 85-88

TOPIC TAGS: mouse, virus, virology, pathology, histology

ABSTRACT: J. T. Stamp et al. (Vet. Res., 1950, 251-254) were the first to isolate the sheep abortion virus. F. R. Giroud et al. (Acad. Vet. Pr., 23, 1956, No 8, 353-401) found elementary corpuscles in mice infected peritoneally and killed on the 15-th day, while H. Parker (Vet. Res. 21, 1960, No 81, 243-250) and D. Saratianu et al. (Stud. cerc. inframicrobiol, XII, 1961, 1, 95-103) infected mice intracerebrally and succeeded in establishing elementary corpuscles. Nevertheless, the problem of finding a convenient laboratory model for experimental infection remained of considerable interest because of the pathogenic significance of the virus and the subsequent damage caused by its infection. Consequently, the authors attempted sensitivity tests to the sheep abortion virus with newborn albino mice one and three days old.

Card 1/2

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001859020008-8

L 4374-66 AP5028433 They used the local Teelepites strain and found that newborn mice are intraperitoneal infection; infected animals died five days after the infection. The elementary corpuscles of the virus are to be found in the liver of the infected animals. The pathohistological changes occurring in the 'newborn mice infected with the virus consist of a general displacement of the elements of the reticuloendothelial system resulting in great swelling and proliferation of the endothelis of the vessels of the separate organs, the reticuloendothelial cells of the liver and spleen in particular. Peculiar giant cells are found in the liver and the spleen. In addition to the reticuloendothelial chances, there are lympho-leucocytic infiltrates observed in the organs which are of a diffuse character in some places, although in most instances they show a focal perivasal position. There is a sharply pronounced stasis in all organs and in some places plasmorrhagia and extravasates. The pathohistological changes in the cerebrum are represented by microencephalomalatic sections in some places and by lymphocytic infiltrates in others. The work was presented by A. Toshkov, Corresponding Member, of BAN, 16 Sep 64. Origeart. has: 5 figures, 1 table. SUB CODE: IS / SUBM DATE 16Sep64 / ORIG REF: 009 / OTH REF: Card 2/2

VULCHANOV, V.H.; VASSILEV, V.H.; OBRETEROVA, K.; PELOKORSYI, I.

Auto-immunization and auto-allergization in guinea pigs infected with tuberculosis with preliminary X-ray treatment. Dokl. Bolg. akad. nauk 18 no.2:165-168 *65

1. Submitted on September 30, 1964.

1. 4353-66

SOURCE CODE: BU/0011/65/018/002/0165/0168

ACC NRi AP5028779

Ĺ'n,

Vulchanov, V. H.; Vassilev, V. H.; Obretenova, K.; Belokonski, I. AUTHOR:

ORG: Institute of Microbiology, Bulgarian Academy of Sciences; Tuberculosis Research Institute at the Ministry of Mealth and Social Welfare

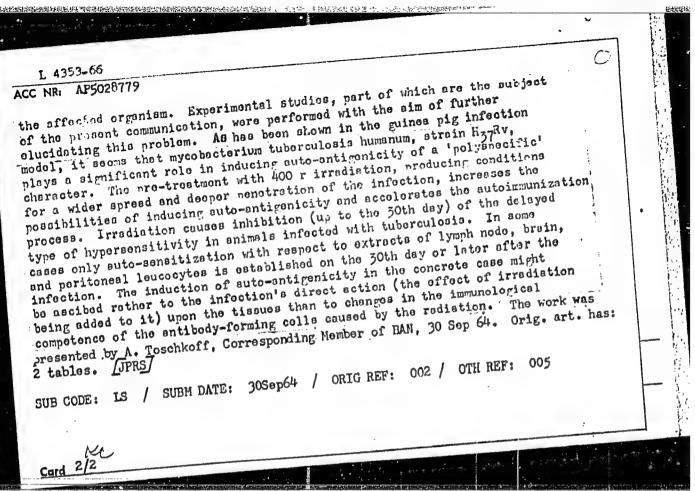
TITIE: Auto-immunization and auto-allergization in preliminary x-ray treated guinea pigs infected with tuberculosis

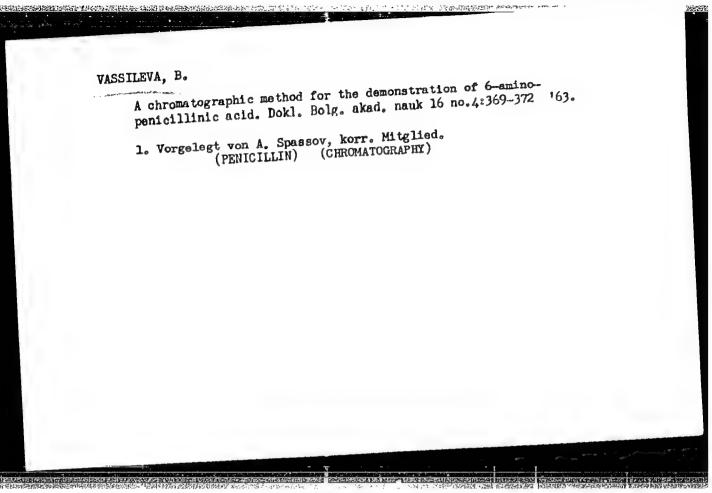
SOURCE: Bulgarska akademiya na naukite, v. 18, no. 2, 1965, 165-168

TOPIC TAGS: immunology, experiment animal, biochemistry, immunization, radiology, radiation biologic effect, tuberculosis

ABSTRACT: English article It was established in previous investigations by the authors (Izv. Mikrobiol, in-t. BAN. 15, 1963, 115; Imminitaots- u. Allergioforsch., 125, 1963, 207) that complement-fixing leuco-, puimo-, and ccrebro-entibodies could be detected in the serum of some tuberculous patients with chronic empyema. Comparing this with the findings of other researchers leucosgglutins in patients with splenic tuberculosis (see, o.g., S. Moeschlin, Acta Scand. Sunnl., 312, 1956, 518) and pulmoentibodies in patients with cavernous lung tuberculosis (A. T. Honnes et al., Amor. J. Resp. Dis., 83, 1961, 354), the authors atressed the role of tubercu.csis infection in the induction of a 'nolyspecific' auto-immunization process in

Card 1/2





GEORGIEV, V.; VASSILEVA, O.

On the anticonvulsive activity of certain derivatives of Phenylcarbamide. Doklady BAN 17 no.12:1129-1131 164.

1. Physiological Institute of the Bulgarian Academy of Sciences, Sofia. Submitted July 28, 1964.

MLADENOV, I.; NIKOLINSKY, P. [Nikolinski, P.]; VASSILEVA, S. [Vasielva, S.]

Studying compatibility of certain caoutchoucs by selective inflating. Doklady BAN 16 no. 8: 837-840 '63.

 Note presentee par D. Ivanoff [Ivanov, D.], membre de l'Academie, membre du Comite de redaction, "Doklady Bolgarskoy Akademii nauk. Comptes rendus de l'Academie bulgare des Sciences".

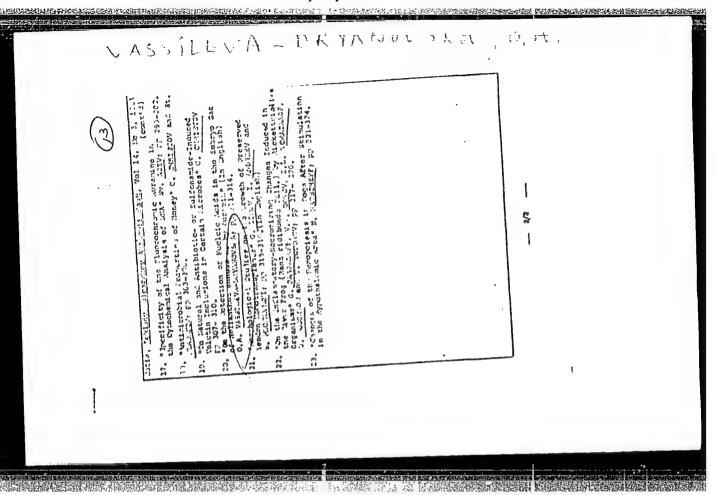
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TONEV, E.; SHINDAROV, L.; KONSTANTINOVA, B.; VASSILEVA, V.

Sensitivity of newly born albino mice to the wirms of abortion in sheep upon intraperitoneal infection. Dokl. Bolg. akad. nauk 18 no.1:85-88 '65

1. Submitted September 16, 1964.



VASSILEVA-DRYANOVSKA, O.A. [Vasileva-Drianovska, O.A.]; BEICHEVA, R.G.

Cytochemical studies of nucleic acid (DNA AND RNA) in carassius gibalio (Bloch) ovocytes. Daklady BAN 14, no.4:385-387 '61.

1. Biological Institute at the Bulgar an Academy of Sciences. Submitted by Academician A. Hadjiolov [A.Khadzhiolov].

VASSILEVA-DRYANOVSKA, O. A. [Vasileva-Drianovska, O. A]; BELCHEVA, R. G.

Studies on the ovocytes of carassius auratus gibelio (Bloch) by the fluorescent auramine method. Doklady BAN 14, no.5:507-509 '61.

1. Submitted by Academician A. I. Hadjioloff[A. I. Khadzhiolov]

(Fluorescence)

VASSILEVA-DRJANOVSKA, O. A. [Vasileva-Drianovska, O. A.]

On the fertilization of potatoes by means of fluorescent microscopy.
Doklady BAN 14 no.7:723-725 '61.

1. Submitted by Academician Hadjiolov, A. J. [Khadzhiolov, A. I.].

(Potatoes) (Fluoroscopic diagnosis)

VASSILEVA-DRYANOVSKA, O.].; BELCHEVA, R.

On fluorescent-microscopic studies of nucleic acids in the ovocytes of Carassius auratus gibelio (Bloch). Doklady HAN 16 no. 4: 413-415 '63.

 Submitted by Academician A. I. Hadjiolov [Khadzhiolov, A. I.].

VASSILEVA-DRYAHOVSKA, O.[Vasileva-Drianovska, O.]

Fluorescent-microscopic investigation of desoxyribenucleic acid (DNA) in the fertilization and early embryogenesis of tobacco and peas. Doklady BAN 17 no.9:849-851 164.

1. Submitted April 14, 1964.

VASSILEVA-DRYANOVSKA, O.A. [Vasileva-Drianovska, O.A.]

The influence of temperature changes on sex formation in Dresophila melanogaster L. Doklady BAN 17 no.11:1055-1075 '64.

1. Institute of Plant Physiology of the Bulgarian Academy of Sciences. Submitted July 23, 1964.

VASSILEVA-DRYANOVSKA, O.; GENCHEVA, E.

Changes in the sex correlation depending on the age of parents in Drosophila melanogaster. Dokl. Bolg. akad. nauk 18 no.1: 59-61 '65

1. Submitted on August 18, 1964.

L 15602-66 ACC NR: AP6008214

SOURCE CODE: BU/0011/65/018/004/0359/0362

AUTHOR: Vassileva-Dryanovska, O.; Belcheva, R.

21

CRG: Section on Genetics, Institute of Plant Physiology, Bulgarian Academy of B

TITLE: Radiation gynogenesis in Salmo irideus Gibb

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 4, 1965, 359-362

TOPIC TAGS: radiation biologic effect, biologic reproduction, genetics, irradiation, experiment animal

ABSTRACT: The diploid radiation gynogenesis of Salmo irideus Gibb. has been investigated. While D. D. Romashov et al. claimed they obtained diploid radiation gynogenesis with bone fish whose sperm was irradiated with 100,000 to 1,000,000 r, (see, e.g., Biofizika, 5, 1960, Nc. 4; Symp. Radiatsionnaya genetika Radiation Genetics, M., 1960), the authors of the present study obtained the effect with a dose only half as strong (50,000 R) while in the case with sperm irradiated with 200,00 r the zygote developed gynogenetically only up to the stage of gastrula.

Card 1/2

I 15602-66
ACC NR: AP6008214

These differences raise a question about the effect of spermatozoa irradiated with high doses on the development of the embryo. It seems possible that with the different species the strong doses affect differently the result of radiation different species. The paper was submitted by Academician D. Yordonov, 26 August 1964. gynogenesis. The paper was submitted by Academician D. Yordonov, 26 August 1964. Orig. art. has 2 figures and 1 table. JPRS

SUB CODE: 06 / SUBM DATE: none / OTH REF: 006 / SOW REF: 004

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"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001859020008-8

B

L 20829-66 RO

ACC NR: AP5028426 SOURCE CODE: EU/0011/65/018/001/0059/0061

AUTHOR: Vassileva-Dryanovska, O.; Gencheva, E.

ORG: Plant Physiology Institute, Bulgarian Academy of Science

TITLE: Changes in the sex correlation depending on the age of parents in Drosophila melanogaster

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 1, 1965, 59-61

TOPIC TAGS: entomology, biologic reproduction, cell physiology

ABSTRACT: [English srticle] In the course of earlier studies the authors established changes in the correlation of sexes under the effect of variable high and low temperature (Dokl. BAN, 17, 1964, No 10). A number of investigations have been initiated to establish the effect of the age differences of sex cells on the formation of sex. R. Khertvig, Novyve idei v biologii, 7, 1912) showed with overmature eggs of frog that there is an increase in the percentage of the male specimens with the aging of the eggs and upon their fertilization with normal spermatozos. S. B. Zhegalov (Usp. sovr. biol., 1, 1950, 4) established that during the artificial breeding of silvery-black foxes the female specimens under four years unfailingly give birth to a greater number of female specimens, after which the correlation

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L 20829-66 ACC NR: AP502	8426	and an artifacture of the second seco		• (
investigations or between the Dr. melanogest compered with female and you reliable resul problem of sex	was to show the effected, on the correler. The tabulated do the controls are presented as the male specimens. The authors believed to the age.	ele ones. The purpose oct of age differences lation of sexes in the star reveal that the great areveal that the great the reverse case did not leve that the correct of the parents, or of if it is linked with an area are of protein	between the parent progeny of natest deviations of crossing old of supply statistic solution of the the sex cells and interpreted from	cally
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VAS ULKVA-DRYANOVSKA, O.; IZVORSKA, N.

Cytological changes upon applying ionizing irradiations on root tips of peas. Dokl. Bolg. akad. nauk 18 no.7:683-626 165.

1. Submitted March 2, 1965.

46

L 30207-66 EWT (m)

ACC NR: AP6020319 SOURCE CODE: BU/0011/65/018/007/0683/0686

AUTHOR: Vassileva-Dryanovska, O.; Izvorska, N.

ORG: Institute of Plant Physiology, BAN, Sofia

TITIE: Cytological changes following ionizing irradiationof root tips of poas

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 7, 1965, 683-686

TOPIC TAGS: radiation plant effect, plant morphology, nuclear reactor, gamma ray, fast neutron, plant metabolism, ionizing irradiation, plant development/IRT-1000 nuclear reactor

ABSTRACT: There have been in the past an increasing number of studies on the radiostimulating and inhibiting effect of ionizing irradiations on plants and on the changes caused in their cytological picture. The present investigation examines mainly the morphological changes of the nucleoli in dry and germinated seeds. Tests were carried out with the Earliest-of-All and Moskovsky varieties of garden peas and with the fodder variety of field-grown peas which involved gamma rays and rapid neutrons. Irradiation was carried out in the IRT-1000 reactor near Sofia with a pure gamma field of 3 reentgens per second after stopping the reactor, and with a mixed field involving a prodominant percentage of fast neutrons at 5 reentgens per second during reactor operation. The seeds were irradiated in sealed polyethylene bags, the doses being

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VASSILEVA-DRYANOVSKA, O. A., Department of Genetics and Plant Breeding, Agricultural College of Sweden, Uppsala 7; Department of Genetics, Bulgarian Academy of Sciences, Sofia

Tube Growth Following Pollen Irradiation in Tradescantia

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 7, 1966, pp 649-651

Abstract: /English srticle/ No previous studies in Tradescantia of the pollen tube growth and of the development of the generative nuclei from the stigma to the embryo sac following pollen irradiation are known. Consequently, the author followed the growth of pollen tubes and the changes of the male chromatin from the stigma to the embryo sac following pollen irradiation with X- and gamms ray doses of 1,000 to 5,000.000 r. Flowers of diploid and tetraploid material of Tradescantia paludosa were pollinated with irradiated pollen and fixed in Carnoy from 1 hour to 10 days after pollination (14 fixations per variant). The paper gives an exhaustive description of the observed events. It shows among others that with higher doses the four half-chromatids can be separated from every chromosome and that the breakage can be interpreted as the consequence of half-chromatid breakage and interchanges. There are 12 Western references. (Manuscript received, 30 Mar 66.)

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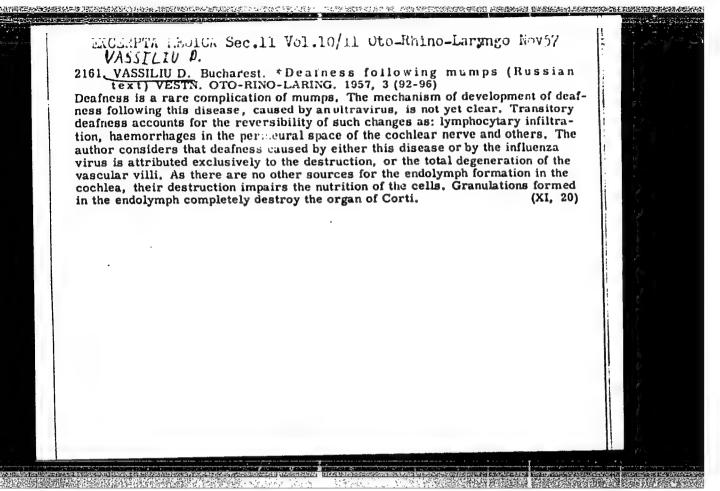
SHINDAROV, D., VASSILEVA, V. [Affiliation not given]

"Cultivation of Sheep Abortion Virus in Tissue Culture of Tortoise Lungs (Testude graces)"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 237-240

Abstract: (English article) D. Shindarov and Z. Savov (Compt. rand. Acad. bulg. Sci., 17, 1964, No 10, 981) reported earlier on the cultivation of the sheep abortion virus in tissue culture of cold-blooded animals (tortaise kidney epithelium). The present paper contains the results of studies on the reproduction of the sheep abortion virus in the tissue culture of the lungs of the same animal. Results of the experiments, described in considerable detail. indicate that 1) the sheep abortion virus can multiply itself in a primary monolayer tissue culture of the lungs of a cold-blooded animal (Testude graeca); 2) virus multiplication in tissue culture causes a cytopathic effect primarily of a focal character; 3) the maximum in the virus accumulation during its multiplication in the culture is about the 6th to 7th day after inoculation. There are 3 Bulgarian and 1 Western reference. (Manuscript received, 30 Nov 65.)

L 01751-67 SOURCE CODE: BU/0011/65/018/011/1011/1014 VASSILIEV. G., Institute of Chemical Industries [Original-language version noe given]. *Cortain New Derivatives of Allylthioures Sofis, Doklady Bolgsrakov Akadomii Nauk, Vol 18, No 11, 1965, pp 1011-1014 Abstract: [English article] Numerous thioures derivatives generate pronounced biological activities of different kinds. During the current investigation the author synthosized cortain new allythicures derivatives with the sim of testing their biological activity. Eleven now substances were obtained by known methods from allylisothiocyanate or Oleum Sinepis and the corresponding smines. The growth regulating properties of the majority of the synthesized substances was determined on whost and cucumber seeds by E. Karenov at the Methodi Popoff Institute of Plant Physiology of the Bulgarian Acedomy of Sciences. Tests show that within the 10-2 to 10-2 g mol/litre concentration range the new substances are more active than thioures and allythioures. Other types of tests are currently in progress. This paper was presented by Corresponding Hember BAN A. Spassov on 19 July 1965. Orig. art. has: 1 table. /JERS: 36,002/ TOPIC TAGS: nonmetallic organic derivative, amine, urea SUB CODE: 07 / SUBM DATE: 19 Jul 65 / ORIG REF: 001 / OTH REF: 004 SOV REF: 002 Cord 1/1 Pb 0027 0922



BRIK, E.; LAANEP, E., red.; VASSILJEV, P., red.; SEPP, A., tekhn.
red.

[Tourist trips in Estonia]Matkates mooda Eestit. Tallinn,
Eesti Riiklik Kirjastus, 1960. 39 p. (MIRA 16:3)
(Estonia—Description and travel)

THE DESIGNATION OF THE PROPERTY OF THE PROPERT

S/055/62/000/005/003/004 1027/1227

AUTHOR:

R.A. Vassin

TITLE:

On the proof of the theorems of the flow theory for

work-hardening materials

PERIODICAL:

Vestnik Moskovskogo Universiteta. Seria I. Matematika,

Mekhanika. no.5, 1962, 60-64

TEXT: Little was known in the flow theory of work-hardening materials in case the function of hardening h depends on the history of the stress and deformation and thus may be homogeneous of degree zero in the stress rates. (The assumption that h is independent of the stress rates is not admissible even as approximation to reality).

The author indicates a class of functions h homogeneous of degree zero in the stress rates for which the fundamental theorems and minimum principles of the flow theory are valid. The case of loading according to a broken line law is specially discussed. There

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On the proof of the theorems...

are 2 figures. The main English language reference read as follows:
Drucker, D.C. Quart. Appl. Math. 7, no.4, 411-418, 1950 and Proc. 1st U.S. Nat. Congr. Appl. Mech. 1951.
Budiansky B., Dom N.F., Peters R.W., Shepherd R.P. Proc. 1st U.S. Nat. Congr. Appl. Mech., 1951.

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theory) Moscow University

SUBMITTED: March 23, 1962

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TOMKO, Jozef, dr. inz. CSc.; VASSOVA, Anna, PhMr.

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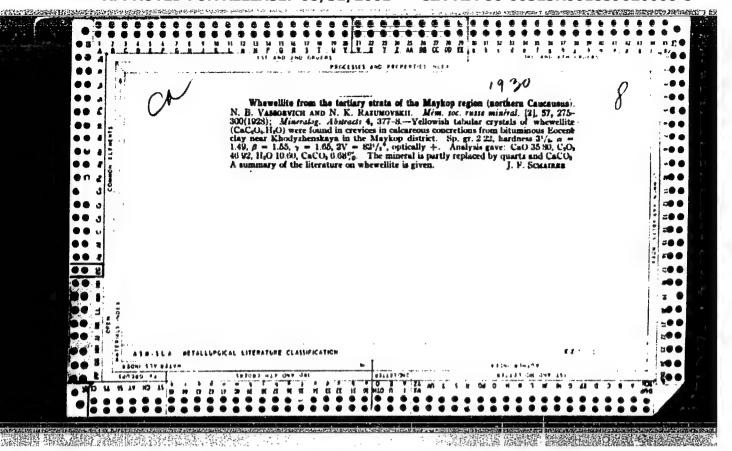
1. Institute of Chemistry, Slovak Academy of Sciences, Department of Alkaloids, Bratislava, Dubravska cesta.

Participation of the control of the

TOMKO, Jozef, dr. inz., C.Sc.; VOTICKY, Zdeno, dr. inz., C.Sc.; PAULIK, Vladimir, inz.; VASSCVA, Anna, PhMr.; BAUEROVA, Oldriska, PhMr.

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1. Division of Alkaloids of the Institute of Chemistry of the Slovak Academy of Sciences, Bratislava, Dubravska cesta.



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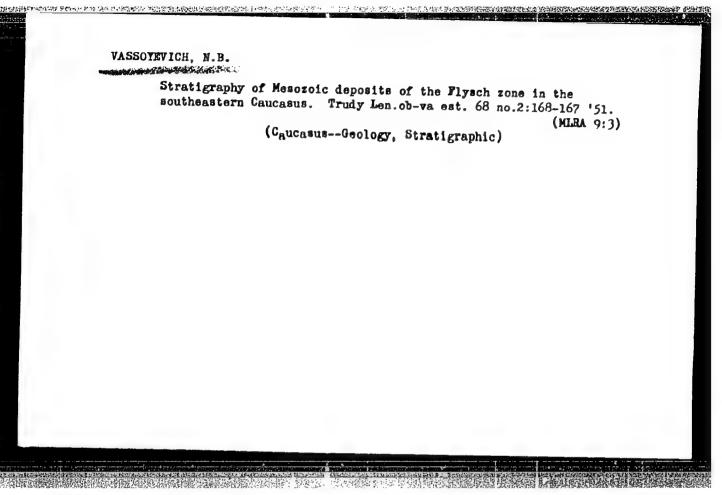
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A. GY . I'H, J. 1.

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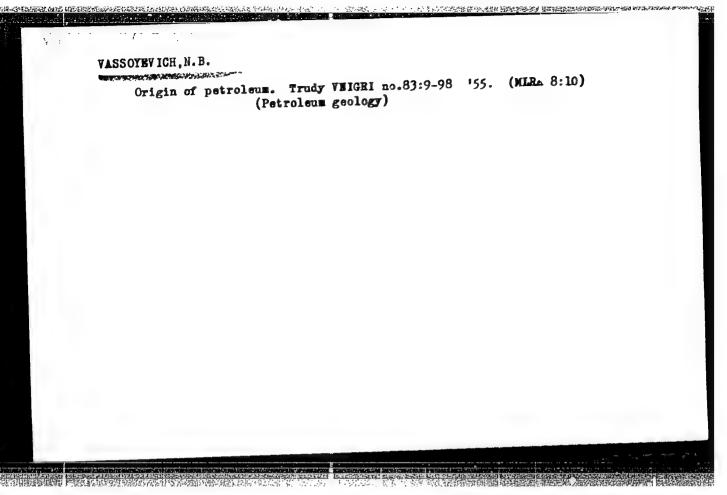
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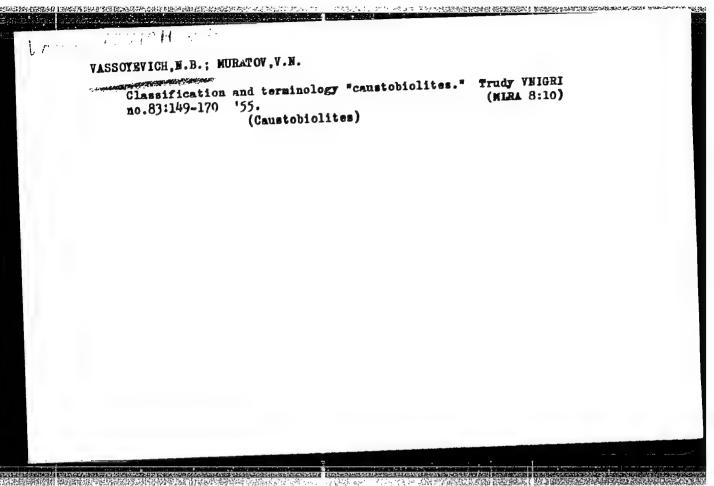
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VASSOYEVICH, N.B.

USSR/ Goology - Geochemistry

Card 1/1

Pub. 22 - 35/51

Authors

Vassoevich, N. B., and Strigaleva, N. V.

Title

Group composition of cert in petroleums of north-eastern Unucasus and about a new type of petroleum

Periodical

Dok. AN SSSR 101/1, 131-133, Mer 1, 1955

Abstract

The purpose of this report is to introduce certain corrections into the existing ideas about the group composition of patrolcum not affected by the hypergenesis processes, to characterize briefly a new type of petrolcum and to explain the nature of petrolcum changes in the catagenesis zone. It is pointed out that a genuine genetic classification of petrolcums should take into consideration the different trends in the changes occurring in the catagenesis zones (methanization), and in the hypergenesis zones (carichment with arcmatic compounds and improveries at in high molecular methane hydrocarbons), as well as the filtration phenomena. Three USES references (1947-1953). Graphs.

Institution

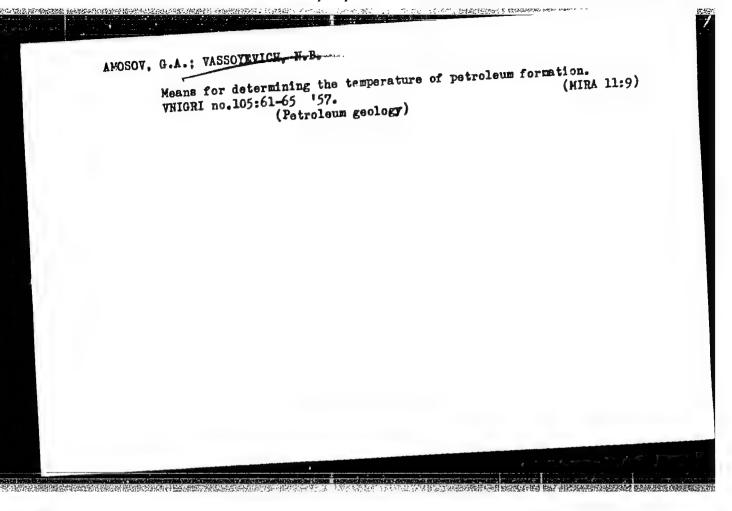
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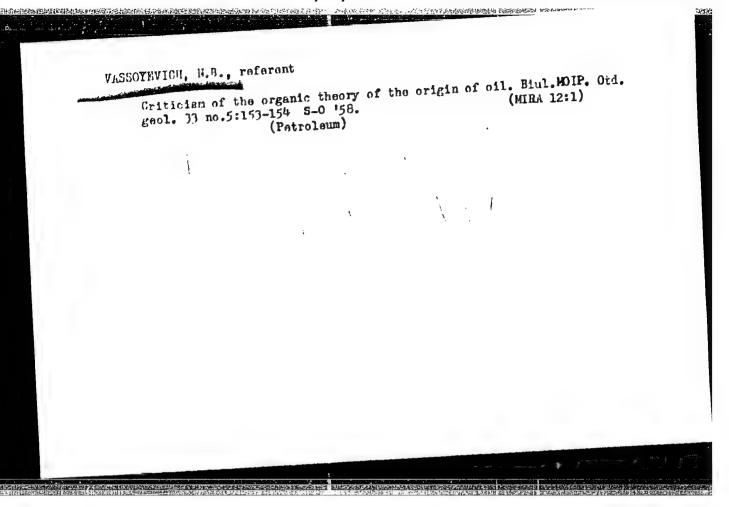


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"Criticism of the Organic Theory of Oil Formation" p. 363 Vopresy obrazovaniya nefti, sbornik statey (Problems of the Origin of Petroleum, Collection of Articles) Leningrad, Gostoptekhizdat, 1958, 389 p. Trudy, vyp. 128,

This book, containing four articles written by 11 specialists, reports on the results of studies made on the origin of oil deposits in the Northeastern Caucasus. The program was organized in 1950-55 by VNIGRI (All-Union Petroleum Sci. Res. Inst. for Geological Survey)

SOV/5-58-5-13/20 Vassoyevich, N.B. On the Criticism of the Organic Theory of the Origin of Oil AUTHOR: (O kritike organicheskoy teorii proiskhozhdeniya nefti) TITLE: Byulleten: Moskovskogo obshchestva ispytateley prirody, Otdel geologicheskiy, 1958, Nr 5, pp 153 - 154 (USSR) PERIODICAL: The author sums up the report he read on 25 March 1958 in the Hydrogeological Section of the Society. He finds that some of the criticism is justified, but that some of it is ABSTRACT: not. According to him, the correct version of the organic theory is the theory of micro-oil. He puts forward some arguments to confirm this theory. According to him, the concentration of micro-oil forms the natural reservoirs of the oil. This concentration occurs when definite thermodynamical conditions are favorable. In the light of latest data, the formation of primary micro-oil is a normal process, It is the unavoidable result of the formation of sediments in the biosphere. These sediments contain the organic matter, the lipoid components of which concur in the formation of bitumoids. The evolution of bitumoids in the process of lithogenesis leads to the accumulation of petroleum hycard 1/2

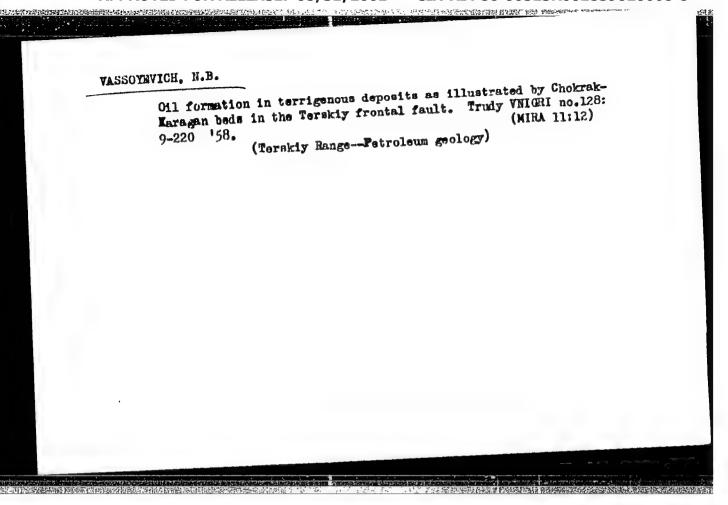
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On the Criticism of the Organic Theory of the Origin of Oil

drocarbons. Genetically the oil is an accumulation (always secondary) of liquid hydrophobic products of the fossilization of organic matter of any given rock. The following geologists are cited by the author: N.A. Kudryavtsev, P.N. Kropotkin, V.B. Porfir'yev, K.K. Volosovich, K.P. Kalitskiy, I.V. Grinberg and A.F. Dobryanskiy.

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MUKHIN, Lev Borisovich; POLYANIN, V.A., prof., retaenzent; VASSOYEVICH,

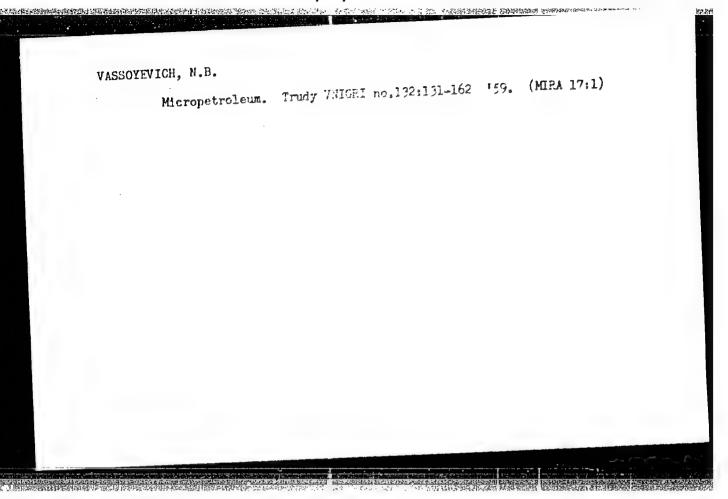
H.B., prof., nauchnyy red.; DOIMATOV, P.S., vedushchiy red.;

YASHCHURZHINSKAYA, A.B., tekhn.red.

[Principles of general paleogeography] Osnovy obshchai paleogeografii. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gornogeografii. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gornogeografii. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gornogeografii. (Mira 12:5)

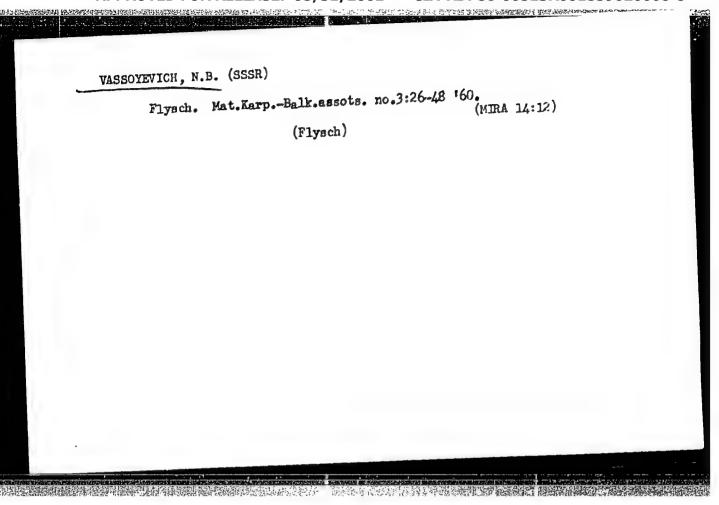
(Paleogeography)

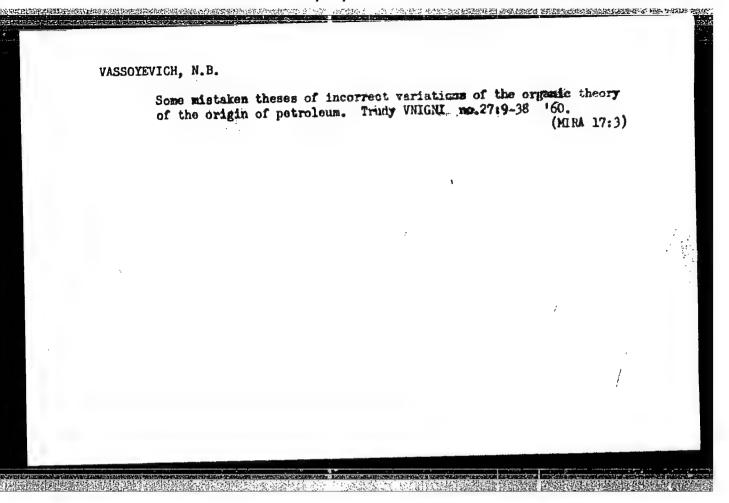
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RATHOVSKIY, Ivan Ivanovich; VASSOYEVICH, N.B., naucimyy red.; RAGINA, G.M., veôushchiy red.; GEHNAD!YEVA, I.M., tekhn.red.

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YEREMENKO, Nikolay Andreyevich; FEDOROV, S.F., retsenzent; MEKHTIYEV, Sh.F., akad., retsenzent; VASSOYEVICH, N.B., doktor geol.-mineral. nauk, prof., retsenzent; BROD, I.O., doktor geol.-mineral. nauk, prof., red.; prof., retsenzent; BROD, I.O., ved.; voronova, v.v., tekhn. red.

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[History of terrigenous minerals in the Mesozoic and Cenozoic of the Northern Caucasus and Ciscaucasia] Istoriia terrigennykh mineralov v mezozoe i kainozoe Severnogo Kavkaza i Predkavkaziia.

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(Caucasus, Northern---Hinerals)

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RUKHIN, Lev Borisovich, prof.[deceased]; RUKHINA, Ye.V.. kand.geol.-min.nauk.

Prinimali uchastiye: SARANCHINA, G.M., dots.; FRANK-KAMENETSKIY,

V.A., dots.; KALINKO, M.K., doktor geol.-miner. nauk; VASSOYEVICH,

N.B., prof., red.; TOKAREVA, T.N., ved. red.; YASHCHURZHINSKAYA,

B.Ya., tekhn. red.

[Fundamen'als of lithology; theory of sedimentary rocks] Osnovy litologii; uchenie ob osedochnykh porodakh. Izd.2., perer.i dop. E.V.Rukhinoi. Pod red. N.B.Vassoevicha. Leningrad, Gos.nauchnotekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 779 p. (MIRA 15:2)

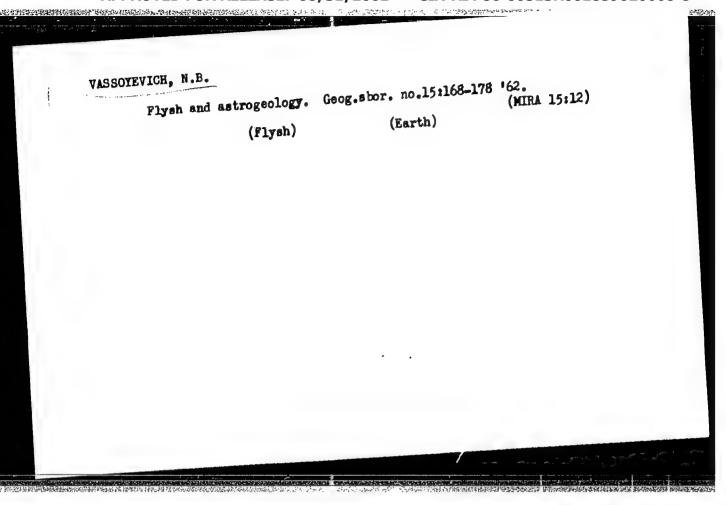
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(Rocks, Sedimentary)

VASSOYEVICH, N.B.

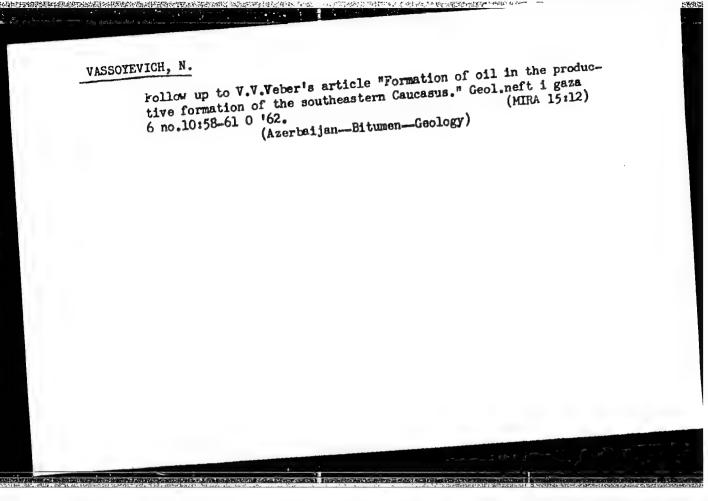
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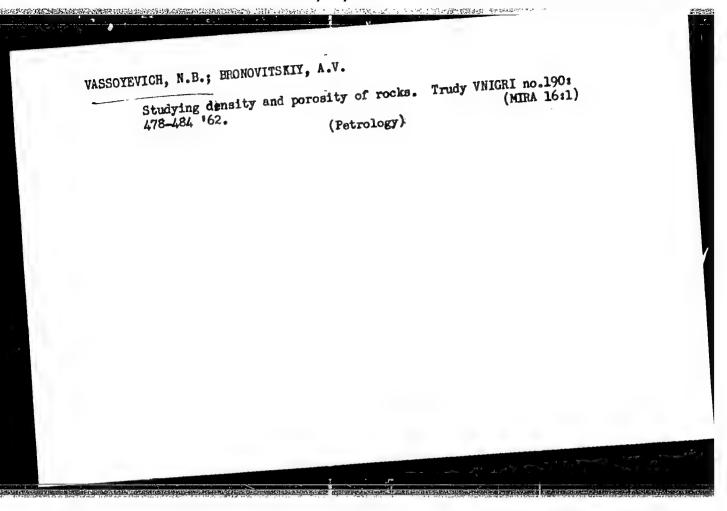
(Sakhalin--Geology, Stratigraphic)

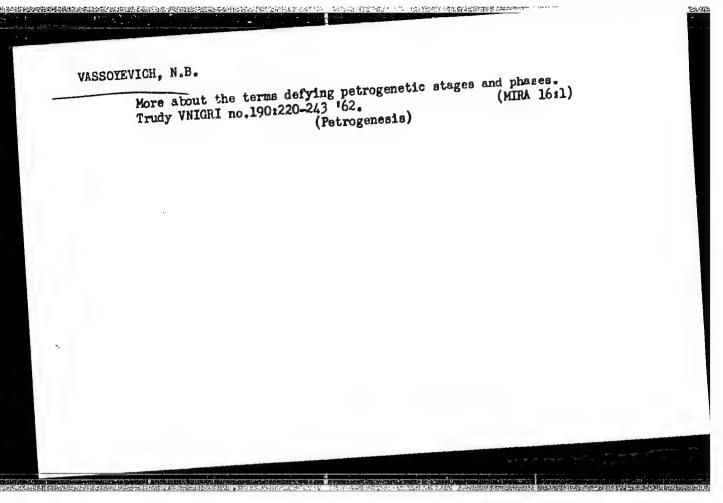


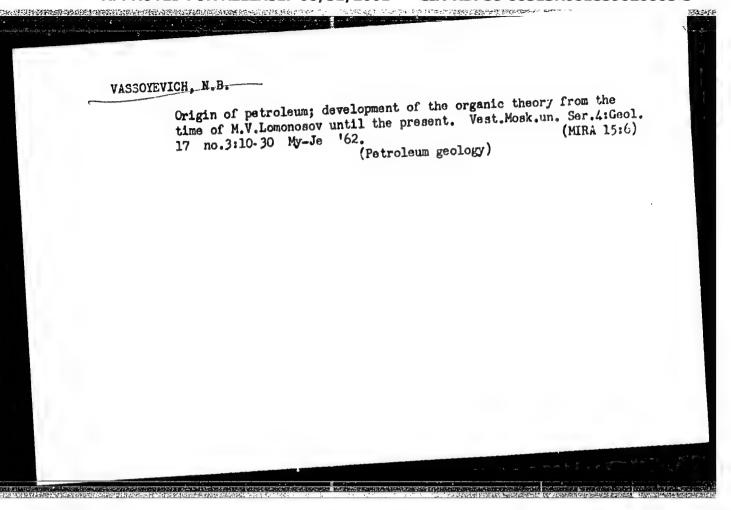
NERUCHEV, Sergey Germanovich; VASSOYEVICH, N.B., nauchnyy red.; IONINA, I.N., ved. red.; YASECHURZHINSKAYA, A.B., tekhn. red.

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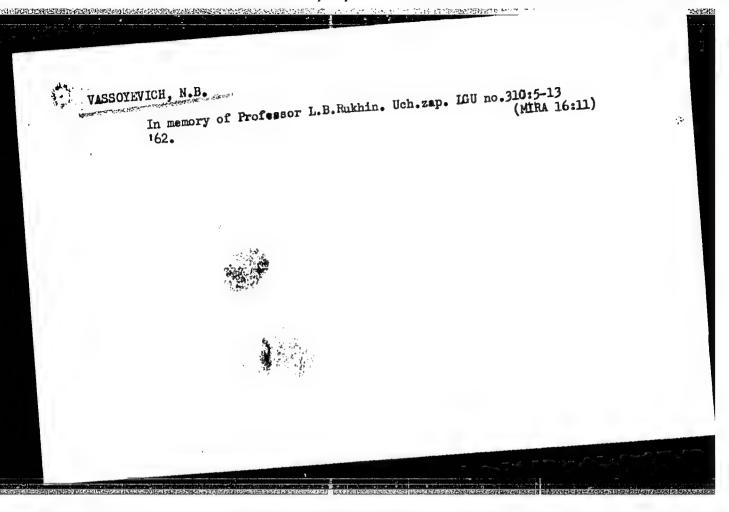
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Letter to the editor of the journal "Prikladnala geofizika." Prikladnala geofizika." (MIRA 15:7)

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Oil formation in continental (lake) sediments. Geol. nefti i
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gaza 7 no.8:1-6 Ag '63.

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut.

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Urals. Dokl. AN SSSR 149 no.6:1393-1396 Ap '63. (MIRA 16:7)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut i Ural'skiy filial AN SSSR. Predstavleno akademikom D.V.Nalivkinym. (Ural Mountains--Flysch)

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Carbon-bitumen coefficient as a soil-geochemical factor of oil and gas potentials. Geol. mefti i gaza 7 no.4:34-40 Ap 163.

1. Vsesoyuznyy neftyanoy nauchno-issledovatel skiy geologorazvedochnyy institut, Leningrad.

(Petroleum geology) (Gas, Matural-Geology)

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